

IN THE SPECIFICATION

Please replace the paragraph on page 1, beginning on line 10 with the following amended paragraph:

The present invention relates generally to improvements in synthetic plastic resins ~~thermoplastic compositions~~, articles made from such synthetic plastic resins ~~thermoplastic compositions~~ and methods of making synthetic plastic resin articles.

Please replace the paragraph beginning on page 2, line 15 with the following amended paragraph:

All plastics can be basically divided into two groups: thermoplastic and thermosetting plastic. The two groups differ in the way that each responds to heat. Thermoplastics can be repeatedly softened by heating, and hardened by cooling. Thermosetting plastics harden permanently after being heated once. ~~The present invention is concerned with the thermoplastic family of plastics.~~

After the subtitle "SUMMARY OF THE INVENTION" and before the first paragraph thereafter on page 4, please insert the following paragraphs:

The present invention is directed to a composition of plastic resin and a material uniformly dispersed therein in a quantity of less than about 2% by weight of the composition severally as a composition, articles made from the composition and methods of making articles from the composition. The addition of the material enhances a large range of molding processes.

In several separate aspects of the present invention, the material is contemplated to include any of:

aluminosilicate;

a vitreous, naturally occurring formulation including silicon dioxide and aluminum oxide;

silicon dioxide and aluminum oxide;

at least 10% by weight of silicon dioxide and at least 10% by weight of aluminum oxide;

at least 10% by weight of aluminum oxide; or

cristobalite and aluminum oxide.

In another separate aspect of the present invention, any of the foregoing separate aspects may contemplate the material being vitreous.

In a further separate aspect of the present invention, any of the foregoing aspects may include plastic resin selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitrile butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

In yet a further separate aspect of the present invention, any of the foregoing separate aspects are contemplated to be employed in combination to greater advantage.

Accordingly, it is an object to provide an improved plastic resin as composition, article of the composition and method of making articles of the composition with enhanced mold processing. Other and further objects and advantages will appear hereinafter.

Please replace the paragraph beginning on line 2 of page 4 with the following amended paragraph:

Disclosed in the preferred embodiments are: ~~The present invention is:~~ (a) a composition of thermoplastic and a naturally occurring aluminosilicate glass (NOAG), (b) articles made from this composition, and (c) a method of making articles from this composition. The NOAG is added to a thermoplastic resin before molding in a manner that disperses it uniformly throughout the resin. The preferred concentration of NOAG is about 0.1% to 3.0 by weight of the total composition of NOAG and thermoplastic resin. The resin may be virgin, a mixture of virgin and recycled, or a mixture of different thermoplastic resins in virgin or recycled form. The NOAG-thermoplastic composition has been found to increase part production rate from 11% to 78% in a wide range of molding processes, including injection, extrusion, blow, blow film, rotary, and compression molding. The NOAG-thermoplastic composition has been found to reduce the energy required to produce a part. The surface finish of the parts made from the NOAG-thermoplastic resin composition appears more smooth and has less noticeable sink marks than parts made from just virgin resin.

Please replace the paragraph on page 6 beginning on line 9 with the following amended paragraph:

The present embodiment ~~invention~~ is a mixture of a naturally occurring aluminosilicate glass (NOAG) and a thermoplastic resin. Any one of the many well

known and readily available thermoplastic resins may be utilized, chosen on the basis of the physical and mechanical properties desired for the molded plastic article.